

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-10. (cancelled)

11. (new) A bone reaming system for cutting along a bone canal and powered by a drill having a drive shaft, the system comprising:

a guide rod sized and shaped to fit in the bone canal and having a channel along a length of said guide rod; and

a cutter removably connectable to said guide rod and to the drive shaft, said cutter being movable along said length of said guide rod and rotatable with respect to said guide rod when removably connected to said guide rod, wherein said guide rod guides said cutter in the bone canal.

12. (new) The system of claim 11, wherein said guide rod has an enlarged end that prevents said cutter from being disconnected from said guide rod.

13. (new) The system of claim 12, wherein said enlarged end of said guide rod has at least one hole therethrough that is in communication with said channel.

14. (new) The system of claim 11, wherein said guide rod has a circular cross-section.

15. (new) The system of claim 11, wherein said guide rod has

information transmission wiring in said channel.

16. (new) The system of claim 15, wherein said enlarged end of said guide rod has an information generator in communication with said information transmission wiring for transmission of information.

17. (new) The system of claim 16, wherein said information generator is a transducer and wherein said information is a position of said cutter.

18. (new) The system of claim 12, wherein said channel extends from said enlarged end to an opposite end of said guide rod and has a size and shape that allows for expulsion out of the bone canal of fluid from said enlarged end of said guide rod.

19. (new) A guide rod for a cutter for cutting along a bone canal, the cutter being rotatably driven by a drive shaft of a drill, the guide rod comprising:

a body having a size and shape to fit in the bone canal and having a channel along a length of said body; and

an enlarged end having at least one hole therethrough in communication with said channel, wherein the cutter is removably connectable to said body of said guide rod and is movable along a length of said guide rod and rotatable with respect to said guide rod when removably connected thereto, and wherein said guide rod guides the cutter in the bone canal.

20. (new) The guide rod of claim 19, further comprising information transmission wiring in said channel.

21. (new) The guide rod of claim 20, wherein said enlarged end

has an information generator in communication with said information transmission wiring for transmission of information.

22. (new) The guide rod of claim 21, wherein said information generator is a transducer and wherein said information is a position of the cutter.

23. (new) The guide rod of claim 19, wherein said channel extends from said enlarged end to an opposite end of said body and has a size and shape that allows for expulsion out of the bone canal of fluid from said enlarged end.

24. (new) A method of reaming a bone canal comprising:

providing a guide rod sized and shaped to fit in the bone canal and having a channel along a length thereof and at least one hole at an enlarged end of said guide rod;

providing a cutter that is slidably connected to said guide rod for advancement along said length of said guide rod and prevented from disconnecting from said guide rod by said enlarged end;

driving said cutter with a drill while guiding said cutter in the bone canal with said guide rod; and

transmitting fluid through said at least one hole in said enlarged end and along said channel.

25. The method of claim 24, further comprising changing a rate of advancement of said cutter in the bone canal based at least in part on a rate of transmission of said fluid.

26. (new) A method of reaming a bone canal comprising:

providing a guide rod sized and shaped to fit in the bone canal and having a channel along a length thereof and an enlarged end;

providing a cutter that is slidably connected to said guide rod for advancement along said length of said guide rod and prevented from disconnecting from said guide rod by said enlarged end;

driving said cutter with a drill while guiding said cutter in the bone canal with said guide rod; and

transmitting information along information transmission wiring in said channel from an information generator in said enlarged end of said guide rod.

27. (new) The method of claim 26, wherein said information is a position of said cutter.

28. (new) The method of claim 26, further comprising providing at least one hole in said guide rod that is in communication with said channel and transmitting fluid through said at least one hole and along said channel.

29. The method of claim 28, further comprising changing a rate of advancement of said cutter in the bone canal based at least in part on a rate of transmission of said fluid.